

FIG. 1  
BACKGROUND ART

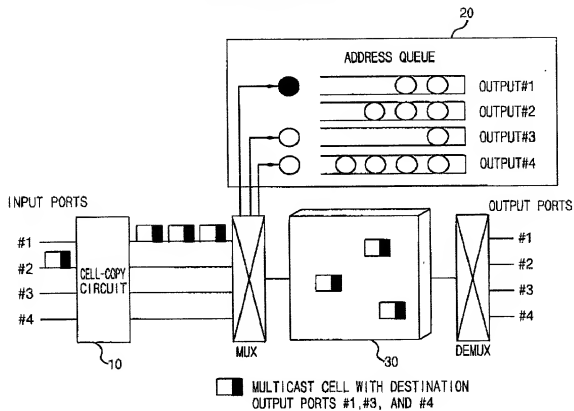


FIG. 2  
BACKGROUND ART

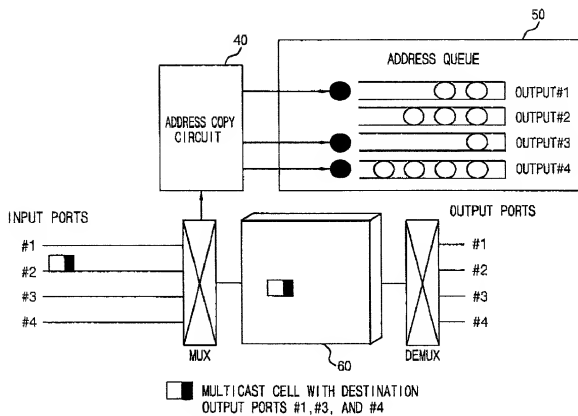


FIG. 3  
BACKGROUND ART

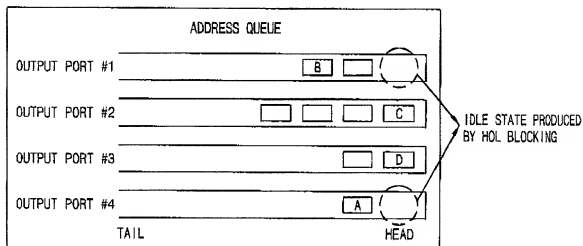
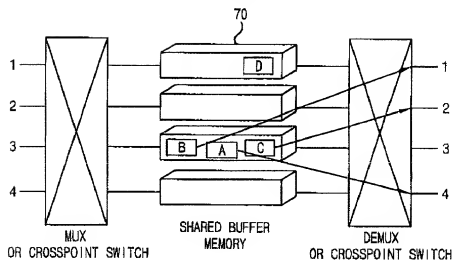
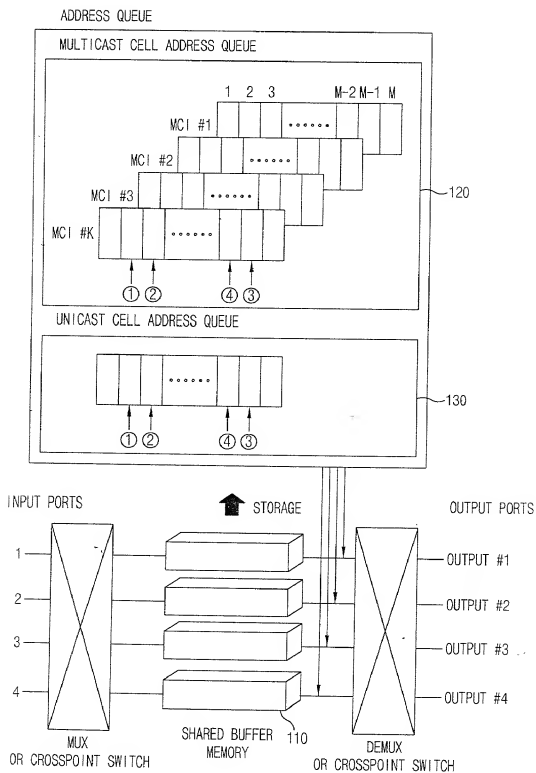
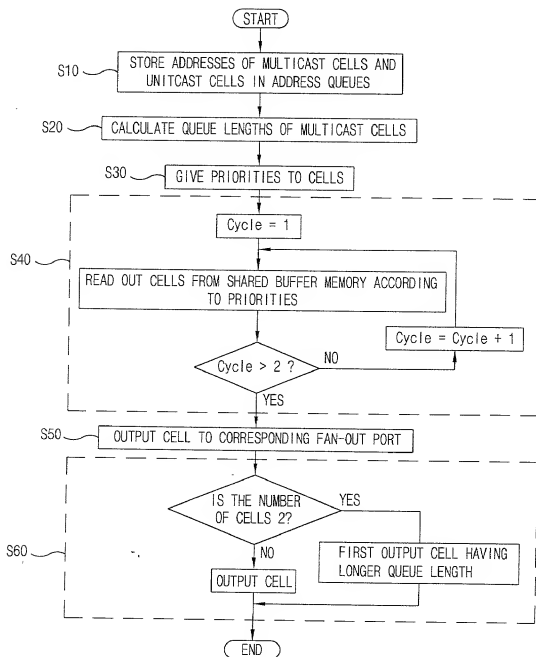


FIG. 4



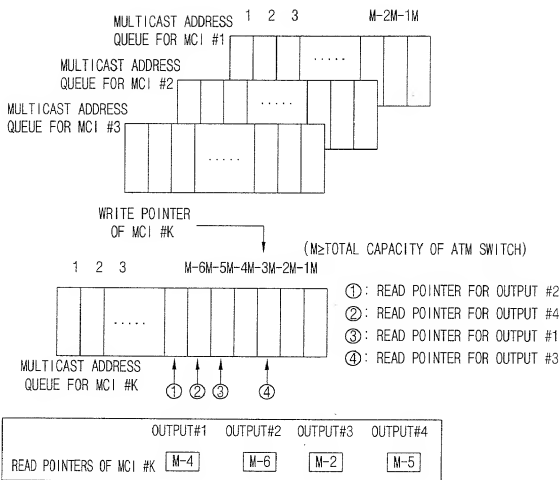
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FIG.5



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# FIG.6



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FIG.7A

	OUTPUT #1	OUTPUT #2	OUTPUT #3	OUTPUT #4
MC1 #1 ADDRESS QUEUE	89	88	90	84
MC1 #2 ADDRESS QUEUE	91	95	80	83
MAXIMUM QUEUE LENGTH	91	95	90	84
PRIORITY	2	1	3	4

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FIG. 7B

		OUTPUT PORT →			
READ PRIORITY ↓		1	2	3	4
	1st			SBM #4( $s_1$ )	
	2nd	SBM #2( $s_2$ )			
	3rd		SBM #2( $s_3$ )		
	4th				SBM #2( $s_4$ )

OUTPUT PORT &amp; READ PRIORITY OF UNICAST CELL(s)

FIG. 7C

		OUTPUT PORT →			
READ PRIORITY ↓		1	2	3	4
	1st		SBM #2( $m_1$ )		
	2nd	SBM #3( $m_2$ )			
	3rd			SBM #4( $m_3$ )	
	4th				SBM #4( $m_4$ )

QUEUE LENGTH OF  $m_1$  : 95  
 QUEUE LENGTH OF  $m_2$  : 91  
 QUEUE LENGTH OF  $m_3$  : 90  
 QUEUE LENGTH OF  $m_4$  : 84

OUTPUT PORT &amp; READ PRIORITY OF MULTICAST CELL(m)



FIG. 8

